

**To:** Basso, Ray[Basso.Ray@epa.gov]; Yeh, Alice[Yeh.Alice@epa.gov]; Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]; Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]  
**Cc:** jconnolly@anchorqea.com[jconnolly@anchorqea.com]; Peter Israelsson[pisraelsson@anchorqea.com]; Willard Potter[otto@demaximis.com]; Rafael Canizares[RCanizares@moffattnichol.com]; Rooni Mathew[RMathew@moffattnichol.com]; Mike Barbara[mab.consulting@verizon.net]  
**From:** Robert Law  
**Sent:** Fri 8/23/2013 8:47:03 PM  
**Subject:** EPA-CPG Modeling Meetings and Input  
20130823 Modeling Technical Discussions to EPA v1.docx

Attached are a list of proposed topics and meetings between the Region 2 LPR technical team and CPG technical team to discuss the CPG's CSM and numeric model development with the objectives of coming to a common understanding and possible consensus on the conceptual understanding of the LPRSA and the modeling approach for the LPR/NB Model - this was a suggested action item coming from the CPG's July 24 meeting with EPA HQ.

The CPG proposes to schedule and conduct these meetings with Region 2's technical team and their CPG counterparts starting in mid-September and trying to conclude the meetings by late November of this year.

Please review and let Mike or me know when you would like to discuss scheduling these meetings

In addition, the CPG would greatly appreciate if the Region 2 could expedite our request for the PCB homolog inputs discussed below and provide them prior to the end of August.

Have a great weekend.

Thank you.

R/  
Rob

**Robert Law, Ph.D.**  
**de maximis, inc.**  
**rlaw@demaximis.com**  
**Voice: 908-735-9315**

**Fax: 908-735-2132>>> Peter Israelsson <pisraelsson@anchorqea.com> 8/23/2013 10:47 AM >>>**

Hi James -

Thanks for the reply. We can skip the follow-up call if you think the request is clear as stated.

It would be appreciated if you can send PCB homolog inputs as soon as possible, in advance of the other requested information, as these inputs are particularly critical to ongoing efforts.

With regard to the next collaboration meeting, I agree that this should be discussed soon. There has been some discussion on our end about proposing a series of collaboration meetings to go over various modeling aspects, in response to recommendations provided by EPA HQ during a July meeting with the CPG. I believe that a proposal will be sent out shortly, which should prompt the scheduling for our next meeting.

Have a good weekend,

Peter

**Peter H. Israelsson, PhD**

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**From:** Wands, James [mailto:James.Wands@hdrinc.com]

**Sent:** Thursday, August 22, 2013 10:45 AM

**To:** Peter Israelsson

**Cc:** Garland, Edward; John Connolly; Peter Oates; Wen Ku; Rooni Mathew; Rafael Canizares; Robert Law; Vaughn, Stephanie (Vaughn.Stephanie@epa.gov); Naranjo, Eugenia (Naranjo.Eugenia@epa.gov); Yeh, Alice (Yeh.Alice@epa.gov); Garland, Edward

**Subject:** RE: Request for LPR CFT Model inputs / code

Peter,

I think what you have outlined below is clear. I don't know that we would need to have a call to discuss it. We should be able to compile the requested information and get that to you in September.

It would probably be a good time to start to think about when we will get together next for a collaboration meeting as well, since most of the invite list is already on this email.

Regards,

James

**From:** Peter Israelsson [<mailto:pisraelsson@anchorqea.com>]

**Sent:** Tuesday, August 20, 2013 8:01 AM

**To:** Wands, James

**Cc:** Garland, Edward; John Connolly; Peter Oates; Wen Ku; Rooni Mathew; Rafael Canizares; Robert Law

**Subject:** Request for LPR CFT Model inputs / code

Hello James -

I am transmitting below a request for inputs and code updates for the LPR CFT model. Is there a time in the next couple of days that I can call you to review the content of the request? Please let me know if you have any questions or concerns in the meantime.

Thanks,

Peter

### **Request for LPR CFT Model Files:**

The CPG Modeling Team is using CFT model inputs and code that were received from HQI/EPA in 2011 and 2012. To ensure that our work reflects the most recent EPA efforts, we request the latest model inputs for all the COPCs being modeled by EPA, as well as the latest version of the RCATOX code. The details of our request are provided below, along with a listing of what we received in the past.

#### **Model Inputs:**

- The CPG has received model inputs for the following chemicals:
  - o 2378-TCDD, 123789-HxCDD, 123478-HxCDD, 123678-HxCDD, 1234678-HpCDD and OCDD (received on 4/18/2012)
  - o 12 coplanar PCB congeners (2/29/2012)
  - o Hg, Cd and MeHg (12/15/2011)
- The CPG requests a full suite of RCATOX inputs for the above COPCs, if updates have been made since the last transmittal, and any other COPCs being modeled.
- The most time critical information is for the PCB homologs and mercury
- Specific files include:
  - o input
  - o file\_pc
  - o file\_bc
  - o file\_atm
  - o file\_ps
  - o file\_nps
  - o file\_ic
  - o file\_sedic.inp

We would like these inputs for both the calibration period and the projection period.

Model Code:

- We are working with the RCATOX code version transmitted to the CPG in April 2012.
- EPA/HQI has indicated in past conversations that the code has subsequently undergone minor revision. It would be helpful to get the most recent code.

Documentation:

- It would be helpful to receive an updated explanation of EPA's approach to derive the chemical boundary conditions. Based on past conversations with HQI, it is our understanding that the information provided in the 2007 CARP report is not up to date, and CPG presently relies on EPA chemical boundary conditions.

**Peter H. Israelsson, PhD**

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